

Substitut	e for form 1449A:PTO			Complete if Known			
ł	INFORMATION	DIS	SCLOSURE	Application Number			
	STATEMENT B			Filing Date	even date herevith		
	(use as many she			First Named Inventor	Gary KLIEFELTER		
	(use as many sine	eis as i	·	Group Art Unit			
				Examiner Name			
Sheet	1	of	2	Attorney Docket Number	KLINEFELTER1C		

			U.S	S. PATENT DOCUMENTS			
Examiner Initiats*	Cite No	U.S. Patent Document			Date of Publication of	Pages, Columns, Lines,	
		Number	Kind Code <sup>.</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	
	AA					£	
	АВ					5.15.	
	AC					75.	
	AD					112	
	AE					Ü	
	AF						
	AG	-					
	АН						

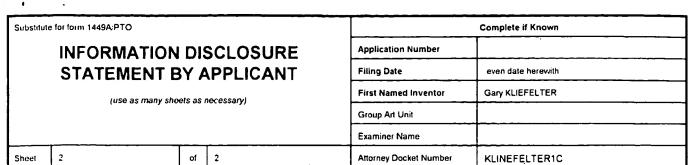
				FOR	EIGN PATENT DOCUMENT	rs		
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or		
		Office	Number	Kind Code (if known)	or ched bocument	MM-DD-YYYY	Relevant Figures Appear	Τ'
PN	Al	wo	9727218		Gary KLINEFELTER	07-31-1997		7
	AJ							
	AK							
	AL							
	AM							
_	AN							_
	AO							
	AP							

_				
Examiner	$\perp$ $\rho$ $\sim$ $\sim$	Date	21.15	
Signature	1 for J-M	Considered	2/2800	

<sup>\*</sup> EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

Unique citation designation number — See attached Kinds of U.S. Patent Documents — Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3) 

\* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. — Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. — Applicant is to place a check mark here if English language Translation is attached.



		OTHER PRIOR ART- NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*			T·
PN	ΑQ	BROOKS, D.E., "Characterization of a 22 kDa Protein with Widespread Tissue Distribution but Which is Uniquely Present in Secretions of the Testis and Epididymis and on the Surface of Spermatozoa," Biochimia et Biophycica Acta 841:59-70 (1985)	
	AR	COLMAN, Res. in Immunology 145:33-36 (1994)	
	AS	KLINEFELTER, G.R., et al., "Discriminant Analysis Indicates a Single Sperm Protein (SP22) is Predictive of Fertility Following Exposure to Epididymal Toxicants," <u>Journal of Andrology</u> 18(2):139-150 (1997)	
	AT	PRIMAKOFF, American Journal of Reproductive Immunology, 31:208-210 (1994)	
	AU	WAGENFELD, A , et al., "Molecular Cloning and Expression of Rat Contraception Associated Protein 1 (CAP1), a Protein Putatively Involved in Fertilization," Biochemical and Biophysical Research Communications 251:545-549 (1998)	
	AV	WELCH, J.E., et al., "SP22: A Novel Fertility Protein from a Highly Conserved Gene Family," <u>Journal of Andrology</u> 19(4):385-393 (1998)	
	AW	WELSCH, J.E., "A 22 kDa Sperm Protein (SP22) Correlated with Rat Fertility Exhibits Homology with the J-1/thiJ Family of Proteins."  Molecular Biology of the Cell 8:325a (1997)	
PN	ΑX	YEE. et al. Contraceptive Vaccines with Sperm Proteins 693-712 (1995)	
	Αť		
	AZ		
	ВА		
	8B		

Examiner Signature	las In	Date Considered	2/28/05

\*EXAMINER\* Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered include copy of this form with next communication to applicant.

Unique citation designation number Applicant is to place a check mark here if English language Translation is attached.